

ABSTRACT OF THE DISCLOSURE

A barrel-shaped bearing which comprises an external ring and an internal ring, at least one row of barrel-shaped rolling bodies arranged therebetween, the cage in the form of a disk which turns together with the rolling bodies, engages inside a peripheral groove around each rolling body and is provided with recesses corresponding to the number of the rolling bodies of the one row arranged on the external periphery of the cage. The total rolling surface of the internal ring is embodied such that the cross section thereof is concave along the entire axial length of the rolling body. The smallest distance between both sides of the cavity of the disk-shaped cage in the area of the external periphery thereof is less than the diameter of a rolling body in the area of the peripheral groove thereof.